



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090307

**Mode:** Highway

**Status:** Submitted

### I-73, US-220 (Future)

**From/Cross Street:** US 311/NC 135

**Specific Improvement Type:** 8 - Improve Interchange

**To:**

**Project Category:** Statewide Mobility

**Length:** 2

**TIP#:** -

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$2,175,000

#### Description:

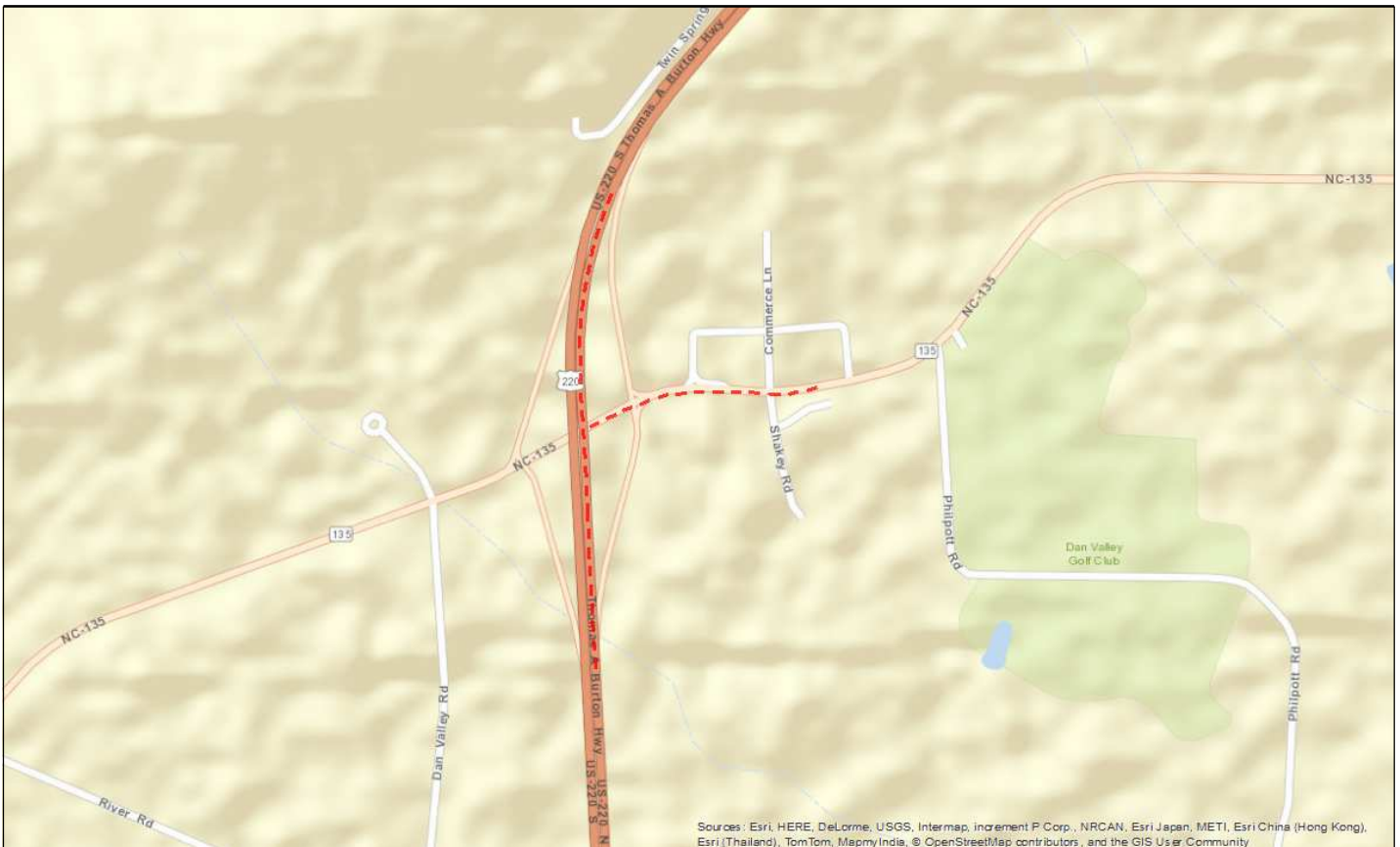
Widen Bridge on US 311/NC 135 Over Future I-73/US 220 and Upgrade interchange.

**Division(s):** Division 7

**County(s):** ROCKINGHAM

**MPOS(s)/RPO(s):** Piedmont Triad RPO

### Project Location



**Statewide Mobility Total Score: 29.77**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
[Travel Time] Benefit/Cost (30%) 42.17 Congestion (V/C) (30%) 29.88 Safety (10%) 33.30 Economic Competitiveness (10%) 7.12 Multimodal + [Freight & Military] (20%) 20.59	N/A	N/A
<b>Totals: Weight: 100% Weighted Score: 29.77</b>		

**Regional Impact Total Score: 55.61**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
[Travel Time] Benefit/Cost (25%) 42.17 Accessibility / Connectivity (10%) 100.00 Safety (10%) 33.30 Congestion (V/C) (25%) 29.88	Percent: 15% Points: 100	Percent: 15% Points: 100
<b>Totals: Weight: 70% Weighted Score: 25.61</b>		

**Division Needs Total Score: 17.74**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Safety (10%) 33.30 [Travel Time] Benefit/Cost (20%) 42.17 Congestion (V/C) (20%) 29.88	Percent: 25% Points: 0	Percent: 25% Points: 0
<b>Totals: Weight: 50% Weighted Score: 17.74</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2
Facility Type:	Multi-Lane Highway
Access Control:	Limited
Functional Classification:	Other Principal Arterial- Other Freeway
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	30652.52
Capacity:	104400.77
Volume/Capacity Ratio:	0.29
% Autos:	87%
% Trucks:	13%
Truck Volume:	4117.26
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	33.3
Severity Index:	33.3
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	100
Actual Congested Speed:	37.85
Travel Time Index:	1.45

**Project Benefits**

Project Cross-Section:	
Speed Limit:	65
Length (miles):	2
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial- Other Freeway
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	3948000
Travel Time Savings for 30 Years (Autos):	3417703.25
Travel Time Savings for 30 Years (Trucks):	530296.75
Long-Term Employment:	65
% Change in Economy:	7.75E-05
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 7

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 7	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Piedmont Triad RPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$1,875,000	Cost Estimation Tool
Right-of-Way Cost:	\$300,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$2,175,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$2,175,000</b>	